

LAKTIONOV, A.M., prof.

"Plague in carnivorous animals" by E.S. Cherkasskii. Reviewed
by A.M. Laktionov. Veterinaria 35 no.8:87-89 Ag '58.
(Distemper) (MIRA 11:9)
(Cherkasskii, E.S.)

LAKTIONOV, A.T.

UPK-25/20 compressor for drilling deep wells with blowing through.
Mash. i nef. obor. no.7:20-21 '64.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki.

BIRKENVAL'D, P.V.; BURDIN, M.P.; GORKIN, S.F.; YEGOROV, V.P.; ZARZHETSKIY, V.A.; KOMODOV, A.A.; LAKTIONOV, A.T.; LEBEDENKO, D.P.; LINEVSKIY, A.A.; LOBANOV, G.V.; LYAKHOVETSKIY, Z.Ya.; MIROYEVSKAYA, O.N.; MIKHAYLOV, P.N.; NIKOLAYEV, S.V.; PAKHODEYEV, V.I.; SOKOLOV, G.V.; STRIZHEV, N.I.; SHAPOVALOV, V.A.; YAVKIN, P.Ye.; IVANININ, F.D., redaktor; DROZDOV, A.I., redaktor vypuska; SERGEYEVA, N.A., redaktor izdatel'stva; BORISOV, A.S., tekhnicheskiy redaktor

[Handbook of consolidated estimate norms for geological prospecting operations] Spravochnik ukрупnennykh smetnykh norm na geologo-razvedochnye raboty (SUSH). Moskva, Gos. izd-vo geol. lit-ry. No.7
[Rotary drilling] Rotornoe burenie. 1950. 175 p. (MLRA 9:12)
[Microfilm]

1. Russia (1923- U.S.S.R.) Ministerstvo geologii.
(Boring)

LITVINOV, N.N.; ALEKSANDROV, L.A., redaktor; BARANOV, P.I., redaktor;
LAKTIONOV, A.F., redaktor; BABINTSEV, N.I., redaktor.

[Internal combustion engines used in geological prospecting]
Dvigateli vnutrennego sgoraniia primeniayesye na geologo-razve-
dochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
geologii i okhrane neдр, 1954. 382 p. (MLRA 7:8)
(Gas and oil engines) (Prospecting)

LAKTIONOV, Anatoliy Tikhonovich; ISAYEVA, V.V., vedushchiy red.; POLOSINA,
~~A.S., tekhn. red.~~

[Theory and practice of air or gas drilling] Osnovy teorii i tekhniki
burenia skvazhin s ochildkoi zaboia vozdukhom ili gazom. Moskva,
Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 262 p.
(MIRA 14:7)

(Oil well drilling)

IAKTIONOV, B. I.

IAKTIONOV, B. I.: "The role of the depth of plowing and gypsum application in cultivating Solonetz and chestnut-solonetz soils in the southern Ukraine." Moscow Order of Lenin Agricultural Academy inemi K. A. Timiryazev. Moscow, 1956
(Dissertation for the Degree of Candidate in Agricultural Sciences)

So: Knizhna Letopis', No 17, 1956

LAKTIONOV, B.I.

Quality of published works ("Unorivenebt if Solonetz soils" and "Soils
of the Ukrainian S.S.R." Reviewed by B.I. Laktionov). Pochvovedenie
no.6:125-127 Je '56. (MIRA 9:10)
(Solonetz soils) (Ukraine--Soils)

USSR / Soil Science. Cultivation. Melioration, Erosion. 5

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95783.

Author : ~~Laktienov, B. I.~~

Inst : Ukrainian Scientific-Research Institute of Irrigation Agriculture.

Title : Gypsum Treatment of Chestnut Solonetz Soils as a Method of Increasing Their Fertility.

Orig Pub: Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t oroshayemogo zemled., 1957, No 3, 24-29.

Abstract: Gypsum treatment of chestnut solonetz soils in the Skadovsk Experiment Station (UkrSSR) with norms of 4 t/ha improved the physical-chemical properties of soil and increased the harvest of wheat, barley and cotton. If solonetz spots are present among the chestnut soils, it is recommended to apply gypsum both on the solonetz spots and on the whole area.

Card 1/1

LAKTIONOV, B.I.

Increasing the fertility of Solonetz-type Chestnut soils by gypsum application [with summary in English]. Pochvovedenie no.2:10-17 P '58. (MIRA 11:3)

1. Skadovskaya opytnaya stantsiya.
(Solonetz soils) (Gypsum)

LAKTIONOV, B.I.

Nature of the increased dispersiveness of Solonetz soils and methods
for their chemical improvement. Pochvovedenie no.6:78-87 Je '69.
(MIRA 15:8)

1. Skadovskaya opytnaya stantsiya, g. Skadovsk.
(Solonetz soils)

LAKTIONOV, B.I., kand.sel'skokhozyaystvennykh nauk

Rice culture in Solonetz soils. Zemledelie 24 no.5:48-50 My '62.
(MIRA 15:7)

1. Skadovskaya opytnaya stantsiya.
(Ukraine--Rice) (Solonetz soils)

LAKTIONOV G.M.

USSR/General Problems of Pathology. Metabolism

U-5

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61084

Author : Shargorodskiy L.Ya., Srapionov A.S., ^{LAKTIONOV} Laktionov G.M.

Inst : - *Chair Nervous Diseases, Tashkent Medical Inst.*

Title : Radioactive Iodine in the Diagnosis of Experimentally Induced Cerebral Tumors

Orig Pub : Zh. nevropatol. i psykhiatrii, 1957, 57, No 1, 53-60

Abstract : After trepanation of the cranium, an emulsion of a Brown-Pearce tumor was injected into the right cerebral hemisphere of rabbits. Some times later, 3-15 days, I¹³¹ (100-150 micro curi per kilogram) were injected. The optimal date for investigation was 1-2 hours after I¹³¹ had been introduced. The intranasular injection of I¹³¹ is more practical than injections made into the stomach, because the culmination of a I¹³¹ concentration takes place in a somewhat slower manner, and the difference in the accumulation of isotopes in the affected and non affected hemisphere is manifested better. -- K.P. Markuze

Card : 1/1

* corrected to
MIRA card

36

L 06139-67 EWT(m) IJP(c)
ACC NR: AP6031170

SOURCE CODE: UR/0361/66/000,002/0003/Gc15

AUTHOR: Nemenov, L. M.; Anisimov, O. K.; Arzumanov, A. A.; Golovanov, U. N.;
Yezerkiy, V. F.; Kravchenko, Ye. T.; Kruglov, V. G.; Laktionov, I. A.; Meshcherov, R.
A.; Meshcherova, I. V.; Popov, Yu. S.; Prokof'yev, S. I.; Rybin, S. N.; Fedorov, N. D.

ORG: Institute of Nuclear Physics, AN KazSSR (Institut yadernoy fiziki AN KazSSR)

TITLE: Putting the Kazakhstan cyclotron into operation

SOURCE: AN KazSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 2, 1966, 3-15

TOPIC TAGS: cyclotron, proton accelerator, Mev accelerator, alpha particle / U1502
cyclotron

ABSTRACT: The U-150-2 cyclotron of the Institute of Nuclear Physics of the Academy of Sciences of the Kazak SSR is described. This cyclotron is designed to accelerate protons, deuterons, alpha particles, and multiply charged ions. Energies of 24 Mev are obtained with deuterons. Alpha particles and protons can be accelerated to 48 Mev and 20 Mev, respectively. Sixfold ionized carbon can be accelerated to 140 Mev. The magnetic field in the cyclotron necessary for 20 Mev deuteron production is 14000 oersteds; this is produced by a current of 800 amp. The necessary variation of the magnetic field with radius is obtained by the use of annular shims. The high frequency generator and its alignment is described. The dependence of beam current at various

Card 1/2

L 06139-67

ACC NR: AP6031170

final radii is plotted as a function of the potential between the "dees". The authors thank engineers V. A. Borigov, B. L. Vayaman, N. G. Gladenko, senior electronic engineer D. D. Gromov, chiefs of work shifts G. A. Obraztsov and V. E. Gshkin, and chief of service A. I. Tkachev for participation in the work of setting aright the various difficulties involved in setting up the cyclotron. Orig. art. has: 11 figures.

SUB CODE: 18/20/ SUBM DATE: none

Card 2/2 mfe

ANDREYEV, G. Ya., prof.; LAKTIONOV, N.M., inzh.; SHTEYNBERG, A.A., inzh.

Automatic assembly of wheel pairs. Mekh. i avt.proizv. 18
no.8:3-4 Ag '64. (MIRA 17:10)

ANDRIYEV, G.Ye., kand. tekhn. nauk; LESTIKOV, N.M., inzh.

strength control in assembling heated wheel pairs. Mashinostroyeniye
no. 5-93-96 4-0 '65. (URR 18:6)

ANDREYEV, G.Ya., kand.tekhn.nauk; LAKTIONOV, N.M., inzh.; ARPENT'YEV, B.M.,
inzh.; KUSHAEV, V.I., inzh.

Semiautomatic assembly of heated wheel pairs of railroad cars.
Mashinostroyeniye no.6:15-17 N-D '65. (MIRA 18:12)

ANDREYEV, G.Ya., prof.; LAKTIONOV, N.M., inzh.

Some problems in the assembly of large parts. Vest.
mauhinostr. 46 no.1:56-58 Ja '66. (MIRA 19:1)

22(1)

SOV/3-59-3-24/48

AUTHOR: Laktionov, P.F., Physician

TITLE: The Acquired Knowledge Helps Later On (Priobretennyye znaniya pomagayut v dal'neyshem)

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 55-56 (USSR)

ABSTRACT: The author, a graduate from the Kuybyshev Medical Institute, tells of the activity of the student circle to which he belonged, and of the favorable influence it had on his future work. Every year, 15 to 25 students of the V and VI courses participate in the circle's work. Meetings take place once a week under the direction of Professor A.M. Aminev. The author remembers the regular night-watches in the Central Hospital imeni Pirogov, where he first helped in operations, then assisted and later operated himself. He describes an excursion to the medical installations of the Kuybyshev GES and a journey to Leningrad in January 1958, where the circle members visited the Institut perelivaniya krovi (Institute

Card 1/2

SOV/3-59-3-24/48

The Acquired Knowledge Helps Later On

of Blood Transfusion), the surgical clinics of the Voyenno-meditsinskaya akademiya (Military Medical Academy) and the Institut ortopedii i travmatologii (Institute of Orthopedy and Traumatology). The visit to the Gospital'naya khirurgicheskaya klinika (Hospital Surgical Clinic) headed by Professor I.S. Kolesnikov impressed him particularly.

ASSOCIATION: Kuybyshevskiy meditsinskiy institut (Kuybyshev Medical Institute)

Card 2/2

LAKTIONOV, P.P. (Odintsovo, Moskovskoy oblasti)

Treatment of burns. Fel'd. i akush. 25 no.6:42-43 Je '60.
(MIRA 13:9)

(BURNS AND SCALDS)

LAKTIONOV, P.P.

Treatment of hemorrhoids with alcohol-novocaine blocks. Vest.khir.
no.1:79-80 '62. (MIRA 15:1)
(NOVOCAINE) (ALCOHOL, DENATURED—THERAPEUTIC USE)
(HEMORRHOIDS)

DURYMANOV, G.N. (Verkhnyaya Salda, Sverdlovskoy obl., Pionerskaya ul.,
d.6, kv. 23); LAKTIONOV, P.F.

Noble's operation. Vestn. khir. Grekov. 90 no.4:92-93 Ap'63
(MIRA 17:2)

1. Iz khirurgicheskogo otdeleniya (zav. - G.N. Durymanov)
bol'nitsy (glavnyy vrach - L.A. Yersayeva) g. Verkhnyaya Salda
Sverdlovskoy oblasti.

LAKTIONOV, P.F.

Prevention of adhesions in the abdominal cavity. Ekspen.
Mir. 1 anast. 7 no.5:64-65 S-O '62. (MIRA 17:10)

1. iz kafedry gosпитel'noy khirurgii (zav. - prof. A.M. Smirnov)
Buzhalskogo meditsinskogo instituta.

PODZOROV, N.; EYZNETSOV, I.; VOYKOV, B.; LANTIKOV, V.; ROSEYAROV, H.
K. LODINS, H.

Let us help farmers grow an abundant crop. Grazhd. av. no. 2:10
(MIK 14:3)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928430012-2
(Aeronautics in Agriculture)

The Use of Graphite Chamotte Bricks in Steel
Casting Ladles and Gutters for Steel Melting Furnaces

SOV/131-59-9-7/12

10 melts. Data concerning the stability of the test ladles are given by table 4, and table 5 contains data concerning the wear of the lining of the ladle. The installation of a thermocouple for measuring the metal temperature in the ladle is represented in figure 3, and the respective measuring results are compiled in table 6. Figure 4 shows the manner in which the side walls of the casting gutters are subject to wear.

Conclusions: When casting dead, bubble-free, steel with a carbon content of more than 0.5% the graphite-chamotte lining of the ladle does virtually not exercise any influence upon the carbon content of the metal. It must still be found out whether this lining can be used when casting steel with a lower carbon content. In order to prevent the destruction of the joints, the use of a special mortar is recommended. Owing to their higher heat-conductivity it is not advantageous to employ graphite-chamotte bricks for lining the bottom of the ladles. A further paper in this field will deal with the changes in the shape and the dimensions of these products, as well as the reduction of their heat conductivity. The necessity is stressed of an industrial production of the graphite-chamotte bricks.

Card 2/3

The Use of Graphite Chamotte Bricks in Steel
Casting Ladles and Gutters for Steel Melting Furnaces

SOV/131-59-9-7/12

There are 4 figures, 6 tables, and 7 references, 5 of which
are Soviet.

ASSOCIATION: (V. P. Zegzhda)
Vsesoyuznyy institut ogneporov / (All-Union Institute for
Refractories). Zavod "Elektrostal'" ("Elektrostal'" Works)

Card 3/3

ZUYEV, M.I.; KULTYGIN, V.S.; KABLUKOVSKIY, A.F.; SIMONOV, V.I.; ZUYEV, T.I.;
VOROB'YEV, Yu.K.; MARTYNUSHKIN, A.M.; TSUKANOV, V.P.; LAKTIONOV, V.S.

Improved technology of the smelting of Shkh-15 steel for ball
bearings. Prom.energ. 17 no.2:12 F '62. (MIRA 15:3)
(Steel--Metallurgy) (Ball bearings)

KABLUKOVSKIY, A.F.; SIMONOV, V.I.; PENTYAK, V.I.; LAKTIONOV, V.S.

Simultaneous oxidation of carbon and chromium during metal blowing
with oxygen. Izv. vys. ucheb. zav.; chern. met. 6 no.5:70-75 '63.
(MIRA 16:7)

1. Zavod "Elektrostal".
(Chromium steel--Electrometallurgy)
(Oxygen--Industrial applications)

LAKTIONOVA, A. I.

LAKTIONOVA, A. I. (Scientific-Practical Disinfection Laboratory, Peoples' Commissariat for Agriculture, USSR; Professor N. A. Mikhin, Consultant.) A new Preparation - "penicillin".

So: Veterinariya; 22; (1): January 1945; Encl.
TABCON

LAKTIONOVA, A. I.: (Lect., Cand. of Veterinary Sci.)
Department of Microbiology, Moscow Zooveterinary Inst.
"Testing penicillin."
SO: Veterinaria 24(1), 1947, p. 11.

LAKTIONOVA, A. I.

PA 190170

USSR/Medicine (Veterinary) - Antibiotics Sep 51

"Treatment of Infectious Mastitis of Cows With Penicillin," A. I. Laktionova, Cand Vet Sci, Moscow Vet Acad

"Veterinariya" Vol XXVIII, No 9, pp 17-23

Found treatment of mastitis with penicillin effective.

LC

190170

LAKTIONOVA, P.I.

Study the seven-year plan in the school. Geog.v shkole 22 no.3:
56-59 My-Je '59. (MIRA 12:10)

1. 526-ya shkola g.Moskvy.
(Geography, Economic--Study and teaching)

LAKTIONOVA, P.I.

Working with an "up-to-date" map in school. Geog. v shkole
25 no.1:53-55 Ja-F '62. (MIRA 15:1)

1. 526-ya shkola Moskvyy.
(Geography--Audio-visual aids)

Country : USSR
Category : Weeds and Their Control

N

Abs. Jour.: *Ref. Zhur.-Biologiya* No. 11, 1958. No. 49204

Author : Lektionova, R.A.
Institute : Kuba Agricultural Institute
Title : Results of 2,4-D Application on Corn

Orig. Pub.: *Sb. stud. nauchn. rabot. Kubansk. s.-kh. in-t,*
1956 (1957), vyp. 1, 129-131

Abstract : At Kropotkinskiy Kolkhoz in Krasnodarskiy Kray in 1956, the spraying of corn in its 6-8 leaf stage with 2,4-D herbicide severely damaged the thistle (*Cirsium setosum*) which had been choking the former. The corn yield increased from 30 to 40 centners per hectare with a saving of 91.1 rubles per hectare of corn maintenance expenses.

Cord: 1/1

LAKTIONOVA, P.I.

Materials of the CPSU program in the course on the geography of
the continents and the most important states. Geog. v shkole
25 no.4:53-55 J1-Ag '62. (MIRA 15:8)

1. 526-ya shkola Moskvyy. (Geography--Study and teaching)

DOMETTI, A.A.; ZIMINA, A.M.; KALININ, F.P.; ~~LAKTIONOVA, P.I.~~; MOROSHKINA, O.I.;
MYASISHCHEVA, Ye.I.; NECHAYEVA, Yu.A.; FREOBRAZHENSKIY, A.I.; RUSH,
V.A.; RYNDIN, A.A.; SAUCHKIN, Yu.G.; STROYEV, K.F.; TEREKHOV, P.G.;
[deceased]; FREYKIN, Z.G.; SHESTAKOV, V.N.

Nikolai Nikolaevich Baranskii's 80th birthday. Geog. v shkole 24
no.4:7-8 J1-Ag '61. (MIRA 14:8)
(Baranskii, Nikolai Nikolaevich, 1881)

KARPOV, G.V.; SOLOV'YEV, A.I.; ORLOV, V.I., retsenzent; LAKTIONOVA,
P.I., retsenzent; RODIONOVA, F.A., red.; KOZLOVSKAYA, M.D.,
tekhn. red.

[Reader on the physical geography of the U.S.S.R.; nature
pictures from the works of literary travellers, and sci-
entists] Khrestomatia po fizicheskoi geografii SSSR; karti-
ny prirody iz proizvedenii pisatelei, puteshestvennikov i
ucherykh. Posobie dlia uchitelia. Moskva, Uchpedgiz, 1963.
403 p. (MIRA 16:12)

(Physical geography)

M

Country : USSR

Category: Cultivated Plants. Grains.

Iss Jour: PZhBiol., No 11, 1958, No 48881

Author : Mamay, Ye.I.; Kuchetkova, A.P ; Iaktionova, R.I.,
Dedy, G.G.

Inst : Kubansk Agricultural Inst.

Title : The Effect of Phosphorobacterin on the Corn Yield.

Orig Pub: Sb. stud. nauch. rabot. Kubansk s.-kh. in-t, 1956
(1957), vyp. 1, 157-159

Abstract: The yield of cobs increased by 12.1 centners/ha.
with the treatment of the seeds of VIR-42 variety
of corn with a double dose of phosphorobacterin.
The cobs were large and plump.

Card : 1/1'

LAKTIONOVA, T. YE.

Aug 51

USSR/ Medicine- Toxic Gases and Vapors

"Micromethods for Determining Harmful Substances in Atmospheric Air," N. G. Polezhayev, V. V. Girina, T. Ye. Laktionova, Inst of General and Communal Hygiene, Acad Med Sci USSR

"Gig i San" No 8, pp 15-20

In 1949, the Lab of Hygiene of Atm Air, Inst of General and Communal Hygiene, developed micromethods for the detn of Cl_2 , SO_2 , H_2S , Pb, and Hg in atm air. These methods, described in detail, are based on customary USSR procedures for the detn of these substances in industrial sanitary work. By replacing the usual absorption appliances with microequipment calibrated accordingly, the sensitivity of the detns was increased considerably.

PA 193T66

LAKTYUSHKIN, Aleksey Aleksandrovich; YAKOVLEV, Petr Sergeevich;
SMIRNOV, N.A., prof., red.; LEVCHENKO, Ya.V., inzh., red.;
FOMICHEV, A.G., red. izd-va; GVIRTIS, V.L., tekhn. red.

[Overall mechanization of sanitary engineering operations]
Kompleksnaia mekhanizatsiia proizvodstva sanitarno-
tekhnicheskikh rabot. Pod obsheiei red. N.A.Smirnova. Le-
ningrad, Leningr. dom nauchno-tekhn. propagandy, 1961. 28 p.
(Bibliotekha stroitel'ia po mekhanizatsii i avtomatizatsii
stroitel'stva, no.12) (MIRA 15:8)
(Sanitary engineering)

LAKUB, E. I.

Krepezhnye izdeliia v mashinostroenii; spravochnik. Kiev, Gos. izd-vo tekhn. lit-ry Ukrainy, 1949. 134 p. illus.

DLC: TJ1320.13

(Fastenings in mechanical engineering; handbook.)

SO: Manufacturing and Mechanical Engineering: in the Soviet Union, Library of Congress, 1953.

USHAKOV, V.B., doktor tekhn. nauk; PETROV, G.M., kand. tekhn.
nauk; BASOV, Ye.P.; POPOV, V.A.; LAKUNIN, N.B.;
MOSKALENKO, G.V.; SABAYEV, G.N.; ABIZOVA, T.V., inzh.,red.

[The MN-14 nonlinear electronic analog computer] Elektron-
naia nelineinaiia analogovaiia vychislitel'naia mashina.
MN-14. Moskva, Mashinostroenie, 1965. 232 p.

(MIRA 18:5)

1. Nauchno-issledovatel'skiy institut' schetnogo mashino-
stroyeniya (for Ushakov, Petrov).

AKULINICHEV, I.T.; BABSKIY, Ye.B.; GEL'SHTEYN, G.G.; LAKUNIN, N.B.;
MOSKALENKO, G.V.; PETROV, G.M.; USHAKOV, V.B.

~~Cardiography~~. Biofizika 4 no. 4:490-495 '59. (MIRA 14:4)

1. Nauchno-issledovatel'skiy institut schetnogo mashinostroyeniya,
Institut grudnoy Khirurgii AMN SSSR i Institut normal'noy i
patologicheskoy fiziologii AMN SSSR Moskva.
(ELECTROCARDIOGRAPHY)

LAKUNIN, N.B.; TREPANOV, I.T.

Stabilized power supply unit for transistorized electric simulating system. Vop. rasch. i konstr. elektron. vych. mash. no.1:132-141 '60. (MIRA 14:1)

(Electric power supply for apparatus)
(Electronic analog computers)

LAKUNIN, N. B., CAND TECH SCI, "CERTAIN PROBLEMS OF
THE THEORY AND ^{design} ~~CONSTRUCTION~~ OF ELECTRONIC VOLTAGE REGU-
LATORS ^{with} ~~BY MEANS OF~~ A CONTROL LAMP CONNECTED IN PARALLEL
WITH THE LOAD, FOR ANALOG COMPUTER ^{units} ~~INSTALLATIONS~~." MOS-
COW, 1961. (MIN OF HIGHER AND SEC SPEC ED RSFSR, MOSCOW
ORDER OF LENIN POWER ENGINEERING INST). (KL, 3-61, 217).

L 26418-66 EWT(d)/EWP(1) IJP(c) GG/BB

ACC NR: AM5017155

Monograph

46 UR/

571

Ushakov, V. B.; Petrov, G. M.; Basov, Ye. P.; Popov, V. A.; Lakunin, N. B.; Moskalenko, G. V.; Sabavev, G. N.

The MN-14⁶⁶ electronic nonlinear analog computer (Elektronnaya nelineynaya analogovaya vychislitel'naya mashina MN-14) Moscow, Izd-vo "Mashinostroyeniye," 1965. 232 p. illus., biblio. 3300 copies printed.

TOPIC TAGS: analog computer, analog computer system, computer control system, computer component/MN-14 analog computer

PURPOSE AND COVERAGE: This book is intended for engineers, technicians, and scientists concerned with the problems of development and practical application of analog computers. It may also be useful to students in this field at schools of higher education. The MN-14 nonlinear electronic analog computer, developed at the Scientific Research Institute of Computer Machine Building, is described. It is used to model dynamic systems described by common nonlinear differential equations up to the 30th order with a large number of nonlinear relationships. The MN-14 computer may also be used to solve engineering construction problems as well as for scientific investigations in various fields of the national economy. The principles of the computer's design and its circuit characteristics are discussed. Basic units and structural assemblies are described and the methods used in the preparation of the problems solved by the computer are covered. Considerable attention is paid to the problems of increasing the computer's practical application by means of introduction of additional equipment into its system. The names of

Card 1/2

UDC: 681.142.33

L 26418-66

ACC NR: AM5017155

Ushakov V. B., Doctor of Technical Sciences, and G. M. Petrov are listed as the leaders.

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Ch. II. D-c Amplifiers and Power Supply Sources for the Computer -- 61

Ch. III. Computer Control and Adjustment System -- 84

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SUB CODE: 09/ SUBM DATE: 12Feb65/ ORIG REF: 010/ OTH REF: 001/

Card 2/2 *PC*